

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	16	((watermark (embedder\$3 OR Detector\$3 OR Encoder \$3)) AND @PY< "2004") AND "705".clas.	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:16
S2	86	((watermark (embedder\$3 OR Detector\$3 OR Encoder \$3)) AND @PY< "2004") AND Hash\$3	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:16
S3	0	(partition\$3 region\$3) and S1	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:17
S4	1	(partition\$3 region\$3) and S2	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:17
S5	0	pseudo random configuration of region	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:18
S6	0	S1 and random NEAR4 configuration NEAR4 region	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:19
S7	0	S2 and random NEAR4 configuration NEAR4 region	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:19
S8	0	S1 and quantization NEAR4 semi NEAR4 global NEAR\$ characteristics	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:19
S9	0	quantization NEAR4 semi NEAR4 global NEAR\$ characteristics	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:20
S10	0	quantization region and S1	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:21

S11	0	quantization region and S2	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:21
S12	3	quantization near hashing	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:21
S13	7	quantizat\$3 NEAR hash \$3	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:22
S14	0	S1 and S13	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:22
S15	197	((watermark (embedder\$3 OR Detector\$3 OR Encoder \$3)) AND @PY<"2004") AND "382".clas.	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:23
S16	0	pseudorandom sequence watermark and S15	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:23
S18	857	((((Digital\$7 OR Content OR Media\$4) AND signal\$3) AND (Watermark\$3 (Embedd\$4 OR Encod \$4 OR Detect\$4))) AND @PY<"2004"	US-PGPUB; USPAT	ADJ	ON	2007/11/30 10:49
S19	1105	(Watermark AND embedd\$4 AND technique\$2 AND spread AND spectrum)	US-PGPUB; USPAT	ADJ	ON	2007/11/30 10:52
S20	251	S18 AND S19	US-PGPUB; USPAT	ADJ	ON	2007/11/30 10:53
S21	0	(Quantizat\$5 AND based AND Watermark \$4 AND Shceme\$2)	US-PGPUB; USPAT	ADJ	ON	2007/11/30 10:55
S22	985	(Quantizat\$5 AND based AND Watermark \$4 AND Scheme\$2)	US-PGPUB; USPAT	ADJ	ON	2007/11/30 10:55
S23	1	(Quantiz\$4 robust AND semi-global AND rational statistic\$2 AND content region\$2)	US-PGPUB; USPAT	ADJ	ON	2007/11/30 10:57

S24	0	(Embed\$3 the watermark AND Quantiz\$4 AND rational AND statistics)	US-PGPUB; USPAT	ADJ	ON	2007/11/30 10:58
S25	1	(Subtractive dither\$3 scalar quantizat\$4)	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:00
S26	0	(Subtractive scalar quantizat\$4)	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:00
S27	326	(Discrete wavelet transformation)	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:01
S28	1	S20 and S27	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:01
S29	223	(pseudo AND randomly AND sized) AND S19	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:02
S30	88	(pseudo AND randomly AND sized) AND S18	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:02
S31	40	(Pseudo AND random AND weight AND vectors) and S30	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:04
S32	120	(Pseudo AND random AND weight AND vectors) and S29	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:04
S33	56	(Secret AND key AND K AND pseudo AND random AND number AND generation) AND S18	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:06
S34	173	(Secret AND key AND K AND pseudo AND random AND number AND generation) AND S19	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:07
S35	37	S34 and S20	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:07
S36	43	(Hash\$4 AND Function AND Weight\$3 and Linear AND Statistical AND Function\$3) AND S20	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:08

S37	0	(Region quantizer\$3) and S20	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:09
S38	19	(Region quantizer\$3) AND @PY<"2004"	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:09
S39	34	(Minimiz\$3 AND Perceptual\$3 AND Distortion AND between AND Watermar\$3 data) AND S20	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:10
S40	66	(Two AND Weight\$3 AND linear AND Statistical AND Combination\$3) and S20	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:12
S41	4	(Hash\$4 Function) AND S40	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:12
S42	73	(Hash\$4 AND Function AND Secret AND Key) AND S20	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:13
S43	73	S42 AND @PY<"2004"	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:14

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